DTR4610

Changing the way you watch Television

Now interactive...

Digital MHP enable new interactive services like gaming, voting, banking, shopping and super teletext. Also Nagravision and Irdeto conditional access system for footbal Pay TV services.

Better
• Built-in Pulse Killer Chip neutralizes interferences
• 2 SCART connectors for connecting your TV and other source
• Fast Zapp, change from channel to channel within 1 second
• Digital audio output for surround sound
• Low-power mode with less than 1W consumption
• Channels and installation menu can be locked by a PIN code
• High-quality SCART cable is included

More
• Integrated Digital TV with MHP enhanced applications
• Access to Pay-TV channels and free-to-air services

Easier
• Fast and automatic installation of new channels
• Euphoria User Interface simplifies navigation through menus
• 7-day Electronic Program Guide for listing of programs

PHILIPS

sense **and** simplicity

Specifications

Connectivity
- **Audio Output - Analog:** Audio L/R (cinch)
- **Audio Output - Digital:** Coaxial (cinch), PCM (cinch)
- Plug & Play
- **Terrestrial antenna interface:** RF in, IEC 169-2, RF out, (bypass) IEC 169-2
- **TV scart out:** Audio L/R, Controlled audio L/R, CVBS, RGB
- **VCR scart in:** Audio L/R, CVBS, RGB

Convenience
- **Ease of Installation:** Autoinstall
- **Parental control:** Lock with PIN code, Child timer
- **Programmable Events:** 8
- **Recording:** Record header message, Record failure alarm
- **User Interface:** 7 day Electronic program Guide, Automatic program list update, Multiple subtitles supported, Now & Next ESG, On Screen Display on TV, Ready for MHP services, Software upgrade over the air, TV and Radio mode
- **Eco Power Standby:** 1 watt
- Signal strength indication

Power
- **Standby power consumption:** 6
- **Power consumption:** 10 W
- **Mains power:** 230V
- **Low power mode (ECO):** 1

Video Decoding
- **Reception-Demodulation:** COFDM 2K/8K, QPSK, Network: MFN/SFN
- **Frequency range:** VHF III & UHF IV/V, Video bit rate upto 15 Mbit/s
- **De-scrambling:** Smart Card reader
- **Conditional access system:** Nagravision (card not supplied)
- **Return path:** V22, RJ-11

System Specifications
- **CPU speed:** 180 MHz
- **Flash memory size:** 8 MB
- **Video decoding:** MPEG-2 DVB up to MP@ML, Video bit rate up to 15 Mbit/s, Video format 4:3 and 16:9, resolution up to 720x576 pix

Audio Decoding
- **Compression format:** MPEG layer I/II
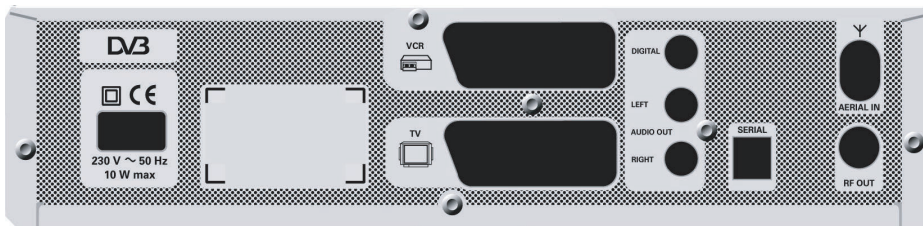
Dimensions
- **Carton dimensions (WxDxH) inch:** 26.5x36x8.6
- **Product dimensions (W x H x D):** 26mm x 5.6mm x 21.7mm mm
- **Weight:** 1.45 kg
- **Weight incl. Packaging:** 2.5 kg

Technical specifications
- **Storage temperature range:** -20 .. +60 °C
- **Operating temperature range:** 5 - 45 °C

Green Specifications
- **Banned Substance Declaration:** Manufacturer, Packaging
- Lead-free soldered product

Product highlights

Pulse Killer Chip
Electrical interferences are neutralised by a built in chip called PKC

2 SCART connectors
2 SCART sockets allow you to connect to 2 devices at the same time. One for the TV, and the other either to a recording product (e.g. VCR or DVD recorder) for recording of TV programs, or to a video playback device (e.g. DVD player or Blu-ray player). Simply connect the SCART sockets on the product to the SCART socket on the desired devices, by a SCART cable. Video signals would then pass through onto the other device for viewing or recording.

Fast Zapp
Time it takes to go one channel up/down

Digital audio output
With a digital audio output, you can immerse yourself in the program that you are watching and enjoy the surround sound that is being broadcasted in the TV program. Simply connect a cable from the connector for digital audio output (this can be cinch or optical connector, depending on availability on the product), and the digital audio signals in the broadcasted program will be output to the Dolby Digital certified home theater system (or an audio amplifier) for processing into a 5.1 audio experience on the loudspeaker boxes.

Low power mode

Parental lock
Channels and installation menu can be locked by PIN code

Free SCART cable
high quality SCART cable

MHP Enhanced
Additional content brought by broadcasters, governments and other providers of consumer applications on a standard platform

Access to Pay TV services
More and more top quality content are being broadcasted these days, but the only way to access these premium channels is to subscribe to the services from the local Pay-TV operators. Insert the operator's smart card into the set top box, and it will descramble the encrypted signals that are being broadcasted by the Pay-TV operators.

Automatic installation
New channels are quite often being added to the broadcasting network during the digital switchover. To ensure that you always have the access to all available channels, it is important that the product is able to scan and install new channels automatically. A very sensitive tuner in the product is scanning through the broadcasting network for new channels whenever the product is switched off. Whenever a new service is detected, it will be automatically updated and saved onto the channel list.

Euphoria User Interface
Easy navigation through the menu structure.

Electronic Program Guide 7d
You want to know what are the programs available today and for the next 7 days, so that you can avoid missing your favorite shows by planning your evenings or making pre-scheduled recordings. The data is broadcasted by the program broadcaster, and when this data is available, this product compiles the information and list them in the menu for your easy use reference. Simply enter the menu, or press the EPG button on the remote control to access the program guide. The EPG will provide you with an overview, listing the program information for the upcoming 7 days.

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